

# ABSTRACT

The present invention provides a microcomputer provided with a flash memory and a method of storing a program into a flash memory by which a write failure which arises from an interruption of rewriting processing of the flash memory can be detected rapidly and with certainty. The microcomputer provided with a flash memory comprises a rewrite program area for storing a program for a rewriting processing procedure for the flash memory, and a controller for forming a plurality of flag areas locally in the flash memory when the rewriting program stored in external storage means or the rewrite program area is written into the flash memory, performing determination of completion of a plurality of stages of rewriting processing or determination of whether the plurality of stages are good or bad and recording results of the determination into the respective flag areas.